

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0900 Reclamation District No. 0900 West Sacramento	Overall LMA Rating	Total LMA Miles						
	U	13.57						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	7.94		7.94	58.51%	0.10			
Trim / Thin Trees	0.90		0.90	6.63%				
Encroachments	0.09		0.09	0.66%	3.95	0.01		
Animal Control	0.06		0.06	0.44%				
Slope Stability	0.05		0.05	0.37%				
<i>Supplemental</i>								
USACE Erosion Survey	0.44		0.44	3.24%				
<i>Unit Totals:</i>	9.48	0.00	9.48	69.86%	4.05	0.01	0.00	0.00

Unit No. 01 Sacramento River RB RD0900	Overall Unit Rating	Total Unit Miles						
	U	7.84						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	5.14		5.14	65.56%	0.10			
Trim / Thin Trees	0.90		0.90	11.48%				
Encroachments	0.06		0.06	0.77%	1.63	0.01		
Animal Control	0.02		0.02	0.26%				
Slope Stability	0.05		0.05	0.64%				
<i>Supplemental</i>								
USACE Erosion Survey	0.44		0.44	5.61%				
<i>Unit Totals:</i>	6.61	0.00	6.61	84.31%	1.73	0.01	0.00	0.00

Unit No. 02 Yolo Bypass LB RD0900	Overall Unit Rating	Total Unit Miles						
	U	5.73						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	2.80		2.80	48.87%				
Encroachments	0.03		0.03	0.52%	2.32			
Animal Control	0.04		0.04	0.70%				
<i>Unit Totals:</i>	2.87	0.00	2.87	50.09%	2.32	0.00	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**

LMA District Cover Sheet
Fall 2012 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	7.84
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	03/20/2012 - 03/20/2012		10/16/2012 - 10/16/2012	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Ken Ruzich RD 0900		Ken Ruzich RD 0900	
	Tony Schwall		Tony Schwall	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
L/MR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
1	Earthen Levee	Flood Preparedness & Training	WS	A Ma	Inspector Comments: All of the employees within the LMA are flood flight trained and they also have joint training with the City of West Sacramento.		°	°	30	DWR ID: DWR_RD0900_01_s_2012_30	
2	Earthen Levee	Emergency Supplies & Equipment	WS	A Ma	Inspector Comments: The LMA has adequate emergency supplies. In addition, they have an agreement with the City of West Sacramento to access their supplies if needed.		°	°	31	DWR ID: DWR_RD0900_01_s_2012_31	
3	Earthen Levee	Operations & Maintenance Manuals	WS	A Ma	Inspector Comments: The LMA has all of the O&M manuals.		°	°	53	DWR ID: DWR_RD0900_01_s_2012_53	
4	1.91 2.03	Supplemental USACE Erosion Survey	WS	C Ma	Inspector Comments: 2007 - Steep levee slope with cobble revetment rolling off the bank and a silty clay toe. 2008 - Plans for setback levee repair currently in the design phase. 2011 - Setback levee under construction. 2012: Site is still under construction and will be removed along with 57.0. [2012 Site ID: SAC_57-2_R]		38.560512 °	38.558998 °	2	-121.518376 ° -121.517191 °	
5	2.00 2.27	Earthen Levee	Vegetation	CR M Ma	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: USACE has started to construct a setback levee in this area and has taken control of this portion of the levee.		38.559202 °	38.555462 °	1	-121.517707 ° -121.516297 °	
6	2.07 2.11	Supplemental USACE Erosion Survey	WS	C Ma	Inspector Comments: 1997 - Old timber pile dikes remnant approximately 30 ft out into the channel. 1999 - Some additional erosion at water line. 2008 - Plans for setback levee repair (along with 57.2) currently in the design phase. 2011 - Setback levee under construction. 2012: Site is still under construction and will be removed along with 57.2. [2012 Site ID: SAC_57-0_R]		38.558194 °	38.557717 °	3	-121.516859 ° -121.516647 °	
7	2.28 3.74	Earthen Levee	Vegetation	WSA/W Ob	V8 : Environmental Requirements.		38.555304 °	38.536946 °	17	-121.516127 ° -121.519774 °	
8	2.29 2.29	Earthen Levee	Slope Stability	LS M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: USACE has started to construct a setback levee in this area and has taken control of this portion of the levee.		38.555220 °	38.555220 °	322	-121.516100 ° -121.516100 ° Y	
9	2.30 2.30	Earthen Levee	Encroachments	LS M En	PO : Pole		38.555026 °	38.555026 °	21	-121.516135 ° -121.516135 °	
10	2.31 2.31	Earthen Levee	Encroachments	LS M En	PO : Pole		38.554697 °	38.554697 °	22	-121.515850 ° -121.515850 °	
										DWR ID: DWR_RD0900_01_s_2012_22	

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector		
LMR No.	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	Photo		
	Start	End						Start	End				
11	2.35	2.49	Supplemental USACE Erosion Survey	WS	M	Ma	Inspector Comments: 2007 - Have good berm width with minor toe erosion. Close to the levee toe protection, but levee slope is steep. 2011 - New large erosion pocket. 2012: minor new erosion at the toe [2012 Site ID: SAC_56-7_R]	38.554277 °	38.552504 °	4	-121.515263 °	-121.514752 ° Y	
											DWR ID:		
12	2.35	2.35	Earthen Levee	Encroachments	LS	M	PO : Pole	38.554321 °	38.554321 °	24	-121.515738 °	-121.515738 °	
						En					DWR ID: DWR_RD0900_01_s_2012_24		
13	2.39	2.39	Earthen Levee	Encroachments	LS	M	PO : Pole	38.553823 °	38.553823 °	27	-121.515559 °	-121.515559 °	
						En					DWR ID: DWR_RD0900_01_s_2012_27		
14	2.41	2.41	Earthen Levee	Encroachments	LS	M	PO : Pole	38.553544 °	38.553544 °	32	-121.515448 °	-121.515448 °	
						En					DWR ID: DWR_RD0900_01_s_2012_32		
15	2.44	2.44	Earthen Levee	Encroachments	LS	M	PO : Pole	38.553016 °	38.553016 °	33	-121.515464 °	-121.515464 °	
						En					DWR ID: DWR_RD0900_01_s_2012_33		
16	2.47	2.47	Earthen Levee	Encroachments	LS	M	PO : Pole	38.552671 °	38.552671 °	34	-121.515271 °	-121.515271 °	
						En					DWR ID: DWR_RD0900_01_s_2012_34		
17	2.50	2.50	Earthen Levee	Encroachments	LS	M	PO : Pole	38.552256 °	38.552256 °	35	-121.515107 °	-121.515107 °	
						En					DWR ID: DWR_RD0900_01_s_2012_35		
18	2.53	2.53	Earthen Levee	Encroachments	LS	M	PO : Pole	38.551846 °	38.551846 °	36	-121.515009 °	-121.515009 °	
						En					DWR ID: DWR_RD0900_01_s_2012_36		
19	2.53	2.53	Earthen Levee	Animal Control	LS	M	A1 : Exterminate rodents and backfill and compact or Ma grout burrows.	38.551809 °	38.551809 °	321	-121.514980 °	-121.514980 ° Y	
											DWR ID: DWR_RD0900_01_s_2012_321		
20	2.53	2.53	Earthen Levee	Slope Stability	WS	M	S2 : Repair the levee slope damaged by foot traffic and Ma prevent access where possible.	38.551809 °	38.551809 °	320	-121.514977 °	-121.514977 ° Y	
											DWR ID: DWR_RD0900_01_s_2012_320		
21	2.56	2.56	Earthen Levee	Encroachments	LS	M	PO : Pole	38.551315 °	38.551315 °	37	-121.514768 °	-121.514768 °	
						En					DWR ID: DWR_RD0900_01_s_2012_37		
22	2.56	2.65	Supplemental USACE Erosion Survey	WS	M	Ma	Inspector Comments: 1997 - Low berm is contributing to erosion. Old timber pile dikes above water parallel to bank. The upstream mitigation low berm causes a flow separation at the site. 1999 - Some new localized erosion with less than one foot of bank retreat. 2000 - Some new erosion at the upstream end. Fat toe deposits at toe. 2003 - Some new erosion upstream, but have a wide berm. 2011 - Minor new erosion at toe. 2012: No observed change. [2012 Site ID: SAC_56-5_R]	38.551319 °	38.550090 °	5	-121.514423 °	-121.513983 °	Y
											DWR ID:		
23	2.59	2.61	Earthen Levee	Encroachments	LS	M	FE : Fence	38.550989 °	38.550721 °	18	-121.514765 °	-121.514685 °	
						En					DWR ID: DWR_RD0900_01_s_2012_18		

* Location LS : Land Side WS : Water Side CR : Crown

** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
L/MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	
	Levee Mile	Start						Photo	End		
24	2.61	2.61	Earthen Levee	Encroachments	LS	M	PO : Pole En	38.550657 °	38.550657 °	38 -121.514676 °	-121.514676 ° DWR ID: DWR_RD0900_01_s_2012_38
25	2.61	2.61	Earthen Levee	Encroachments	LS	M	PO : Pole En	38.550651 °	38.550651 °	39 -121.514686 °	-121.514686 ° DWR ID: DWR_RD0900_01_s_2012_39
26	2.64	2.64	Earthen Levee	Encroachments	LS	M	PO : Pole En	38.550114 °	38.550114 °	40 -121.514526 °	-121.514526 ° DWR ID: DWR_RD0900_01_s_2012_40
27	2.64	2.64	Earthen Levee	Slope Stability	WS	A	S1 : Repair slope instability. Ma Inspector Comments: LMA fixed the slope instability issue	38.550124 °	38.550124 °	6 -121.514515 °	-121.514515 ° Y DWR ID: DWR_RD0900_01_f_2012_6
28	2.66	2.66	Earthen Levee	Slope Stability	WS	C	S1 : Repair slope instability. Ma	38.549983 °	38.549983 °	319 -121.514423 °	-121.514423 ° DWR ID: DWR_RD0900_01_s_2012_319
29	2.90	2.90	Earthen Levee	Vegetation	WS	M	V2 : Remove the wild growth other than native grasses Ma from the levee slopes.	38.546783 °	38.546783 °	11 -121.512878 °	-121.512878 ° Y DWR ID: DWR_RD0900_01_s_2012_11
30	3.02	3.02	Earthen Levee	Slope Stability	WS	M	S2 : Repair the levee slope damaged by foot traffic and Ma prevent access where possible.	38.544874 °	38.544874 °	317 -121.512438 °	-121.512438 ° Y DWR ID: DWR_RD0900_01_s_2012_317
31	3.14	3.14	Earthen Levee	Slope Stability	LS	A	S1 : Repair slope instability. Ma Inspector Comments: Slope instability was fixed by the LMA.	38.543382 °	38.543382 °	12 -121.512728 °	-121.512728 ° Y DWR ID: DWR_RD0900_01_f_2012_12
32	3.14	3.14	Earthen Levee	Slope Stability	LS	C	S3 : Repair the levee slope damaged by vehicle traffic and Ma prevent access where possible.	38.543305 °	38.543305 °	323 -121.512754 °	-121.512754 ° DWR ID: DWR_RD0900_01_s_2012_323
33	3.28	3.49	Supplemental USACE Erosion Survey	WS	M	Ma	Inspector Comments: 2008 - Erosion into levee toe. Over steepened levee slope, worst at the upstream end. 2009 - Near vertical banks from rotational slumping, hidden by vegetation. 2010 - Boat sinking more, may be causing eddy scour around it. Difficult to see the vertical slumps due to dense vegetation. 2011 - Minor new erosion at the toe. The paddleboat that was sitting at this site for years has been removed. 2012: Site extended upstream due to additional erosion. [2012 Site ID: SAC_55-7_R]	38.541246 °	38.538689 °	9 -121.513561 °	-121.515916 ° Y DWR ID:
34	3.33	3.33	Earthen Levee	Encroachments	LS	M	PO : Pole En	38.540802 °	38.540802 °	41 -121.514249 °	-121.514249 ° DWR ID: DWR_RD0900_01_s_2012_41
35	3.37	3.37	Earthen Levee	Encroachments	LS	M	PO : Pole En	38.540366 °	38.540366 °	42 -121.514652 °	-121.514652 ° DWR ID: DWR_RD0900_01_s_2012_42
36	3.41	3.41	Earthen Levee	Encroachments	LS	M	PO : Pole En	38.539922 °	38.539922 °	43 -121.515014 °	-121.515014 ° DWR ID: DWR_RD0900_01_s_2012_43

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating	N : Not Inspected/Rated	+ Issue Type
A : Acceptable		Ma : Maintenance Deficiency
M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Mile No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
37	3.43	3.43	Earthen Levee	Animal Control	LS Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.539772 ° -121.515312 °	38.539772 ° -121.515312 °	325	Y	
										DWR ID: DWR_RD0900_01_s_2012_325	
38	3.43	3.43	Earthen Levee	Encroachments	LS M En	PO : Pole	38.539712 ° -121.515402 °	38.539712 ° -121.515402 °	44		
										DWR ID: DWR_RD0900_01_s_2012_44	
39	3.47	3.47	Earthen Levee	Encroachments	LS M En	PO : Pole	38.539300 ° -121.515903 °	38.539300 ° -121.515903 °	45		
										DWR ID: DWR_RD0900_01_s_2012_45	
40	3.51	4.42	Earthen Levee	Encroachments	LS M En	PO : Pole	38.538985 ° -121.516409 °	38.532105 ° -121.530669 °	46		
										DWR ID: DWR_RD0900_01_s_2012_46	
41	3.61	4.23	Earthen Levee	Trim / Thin Trees	WS M Ma	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.538038 ° -121.517848 °	38.533634 ° -121.527780 °	13		
										DWR ID: DWR_RD0900_01_f_2012_13	
42	3.71	3.75	Earthen Levee	Vegetation	WS M En	V6 : Landscaping	38.537213 ° -121.519363 °	38.536833 ° -121.520087 °	15		
										DWR ID: DWR_RD0900_01_s_2012_15	
43	3.93	5.86	Earthen Levee	Vegetation	LS M Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	38.535616 ° -121.522816 °	38.517993 ° -121.533663 °	14		
										DWR ID: DWR_RD0900_01_f_2012_14	
44	4.02	4.02	Earthen Levee	Encroachments	LS M En	PO : Pole	38.534968 ° -121.524402 °	38.534968 ° -121.524402 °	326		
										DWR ID: DWR_RD0900_01_s_2012_326	
45	4.05	4.05	Earthen Levee	Encroachments	LS M Ma	DE : Debris	38.534759 ° -121.524902 °	38.534759 ° -121.524902 °	327		
										DWR ID: DWR_RD0900_01_s_2012_327	
46	4.11	4.11	Earthen Levee	Encroachments	LS M Ma	DE : Debris	38.534364 ° -121.526051 °	38.534364 ° -121.526051 °	54		
						Inspector Comments: Concrete debris with metal posing a safety risk.				DWR ID: DWR_RD0900_01_s_2012_54	
47	4.12	4.12	Earthen Levee	Encroachments	LS M Ma	DE : Debris	38.534358 ° -121.525947 °	38.534358 ° -121.525947 °	328		
										DWR ID: DWR_RD0900_01_s_2012_328	
48	4.12	4.12	Earthen Levee	Slope Stability	LS M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.534354 ° -121.525943 °	38.534354 ° -121.525943 °	329		
										DWR ID: DWR_RD0900_01_s_2012_329	
49	4.28	4.28	Earthen Levee	Encroachments	WS U En	BU : Building	38.533274 ° -121.528628 °	38.533274 ° -121.528628 °	20		
						Inspector Comments: Miscellaneous unpermitted encroachments at the Sherwood Harbor. An encroachment permit application is being reviewed by RD900.				DWR ID: DWR_RD0900_01_s_2012_20	
50	4.51	7.82	Earthen Levee	Vegetation	WSA/W Ob	V8 : Environmental Requirements.	38.531013 ° -121.531699 °	38.503048 ° -121.559938 °	19		
										DWR ID: DWR_RD0900_01_s_2012_19	

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
L/MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	Photo
	Start	End						Start	End		
51	4.77	4.77	Earthen Levee	Encroachments	LS En	M	PO : Pole	38.527253 °	38.527253 °	47	DWR ID: DWR_RD0900_01_s_2012_47
52	4.82	5.00	Earthen Levee	Encroachments	WS En	M	PO : Pole	38.526684 °	38.524505 °	48	DWR ID: DWR_RD0900_01_s_2012_48
53	4.97	4.97	Earthen Levee	Slope Stability	WS Ma	M	S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.	38.524899 °	38.524899 °	331	DWR ID: DWR_RD0900_01_s_2012_331
54	4.97	4.97	Earthen Levee	Encroachments	WS Ma	M	DE : Debris	38.524898 °	38.524898 °	330	DWR ID: DWR_RD0900_01_s_2012_330
55	5.04	5.25	Earthen Levee	Encroachments	LS En	M	PO : Pole	38.524116 °	38.522004 °	49	DWR ID: DWR_RD0900_01_s_2012_49
56	5.20	5.20	Earthen Levee	Encroachments	LS En	M	PO : Pole	38.522521 °	38.522521 °	332	DWR ID: DWR_RD0900_01_s_2012_332
57	5.27	5.35	Earthen Levee	Encroachments	WS En	M	PO : Pole	38.521633 °	38.520659 °	50	DWR ID: DWR_RD0900_01_s_2012_50
58	5.30	5.30	Earthen Levee	Encroachments	WS Ma	C	DE : Debris	38.521360 °	38.521360 °	23	DWR ID: DWR_RD0900_01_s_2012_23
59	5.30	5.30	Earthen Levee	Crown Surface / Depressions / Rutting	LS Ma	C	C3 : Add appropriate gravel or road base. Grade and compact. Inspector Comments: Add some materials on the pot hole.	38.521360 °	38.521360 °	26	DWR ID: DWR_RD0900_01_s_2012_26
60	5.30	5.30	Earthen Levee	Crown Surface / Depressions / Rutting	LS Ma	A	C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. Inspector Comments: LMA fixed the issue at this location.	38.521289 °	38.521289 °	16	DWR ID: DWR_RD0900_01_f_2012_16
61	5.37	5.37	Earthen Levee	Slope Stability	WS Ma	A	S1 : Repair slope instability. Inspector Comments: Slope instability wasfixed by the LMA.	38.520341 °	38.520341 °	55	DWR ID: DWR_RD0900_01_f_2012_55
62	5.39	5.39	Earthen Levee	Slope Stability	WS Ma	C	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.520228 °	38.520228 °	333	DWR ID: DWR_RD0900_01_s_2012_333
63	5.39	5.39	Earthen Levee	Encroachments	LS En	M	PO : Pole Inspector Comments: 2 poles on the landward shoulder.	38.520097 °	38.520097 °	51	DWR ID: DWR_RD0900_01_s_2012_51
64	5.40	5.40	Earthen Levee	Encroachments	LS En	M	PO : Pole	38.520022 °	38.520022 °	334	DWR ID: DWR_RD0900_01_s_2012_334
65	5.40	5.40	Earthen Levee	Vegetation	WSA/W Ma	V4 : Elderberries are blocking visibility and flood fight capability.	38.520022 °	38.520022 °	335	DWR ID: DWR_RD0900_01_s_2012_335	

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
66	5.53	5.53	Earthen Levee	Vegetation	LS Ma	M	V4 : Elderberries are blocking visibility and flood fight capability.			38.518988 ° -121.527738 °	38.518988 ° -121.527738 ° Y
										DWR ID: DWR_RD0900_01_s_2012_958	
67	5.54	5.54	Earthen Levee	Vegetation	LS A/W Ma	M	V4 : Elderberries are blocking visibility and flood fight capability.			38.518883 ° -121.527800 °	38.518883 ° -121.527800 °
										DWR ID: DWR_RD0900_01_s_2012_52	
68	5.57	5.57	Earthen Levee	Encroachments	LS Ma	M	DE : Debris			38.518745 ° -121.528351 °	38.518745 ° -121.528351 ° Y
										DWR ID: DWR_RD0900_01_s_2012_336	
69	5.60	5.60	Earthen Levee	Encroachments	LS Ma	C	DE : Debris			38.518565 ° -121.528959 °	38.518565 ° -121.528959 °
							Inspector Comments: The LMA bought the old house and cleaned up the landscaping along with the house and retaining wall.			DWR ID: DWR_RD0900_01_s_2012_337	
70	5.82	5.82	Earthen Levee	Trim / Thin Trees	LS Ma	M	T1 : Trim trees to at least five feet above ground level.			38.518018 ° -121.532961 °	38.518018 ° -121.532961 °
										DWR ID: DWR_RD0900_01_s_2012_338	
71	5.86	5.86	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			38.517991 ° -121.533663 °	38.517991 ° -121.533663 °
										DWR ID: DWR_RD0900_01_s_2012_339	
72	5.86	6.83	Earthen Levee	Vegetation	LS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.517991 ° -121.533664 °	38.515344 ° -121.551026 ° Y
										DWR ID: DWR_RD0900_01_s_2012_340	
73	5.97	5.98	Earthen Levee	Vegetation	LS Ma	M	V4 : Elderberries are blocking visibility and flood fight capability.			38.517952 ° -121.535672 °	38.517948 ° -121.535857 ° Y
										DWR ID: DWR_RD0900_01_s_2012_25	
74	6.55	6.82	Earthen Levee	Trim / Thin Trees	WS Ma	M	T2 : Thin trees to allow visibility of the ground and room to flood fight.			38.516726 ° -121.546239 °	38.515367 ° -121.550964 °
										DWR ID: DWR_RD0900_01_f_2012_56	
75	6.57	6.63	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			38.516657 ° -121.546643 °	38.516421 ° -121.547575 ° Y
										DWR ID: DWR_RD0900_01_s_2012_10	
76	6.85	7.80	Earthen Levee	Vegetation	LS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.			38.515190 ° -121.551424 °	38.503589 ° -121.559744 ° Y
										DWR ID: DWR_RD0900_01_f_2012_58	
77	6.85	7.80	Earthen Levee	Vegetation	WS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.			38.515189 ° -121.551424 °	38.503588 ° -121.559744 ° Y
										DWR ID: DWR_RD0900_01_f_2012_57	
78	7.12	7.12	Earthen Levee	Encroachments	LS Ma	M	DE : Debris			38.512642 ° -121.554881 °	38.512642 ° -121.554881 ° Y
							Inspector Comments: Concrete debris from old rail road track.			DWR ID: DWR_RD0900_01_s_2012_343	
79	7.23	7.23	Earthen Levee	Vegetation	LS Ma	M	V4 : Elderberries are blocking visibility and flood fight capability.			38.511104 ° -121.555664 °	38.511104 ° -121.555664 ° Y
										DWR ID: DWR_RD0900_01_s_2012_8	

* Location LS : Land Side WS : Water Side CR : Crown

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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 01 Sacramento River							Right	7.84	10/16/2012 10/16/2012	Pavel Kazi		
L/MR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.	
	Start	End								Start	End	
80	7.27	7.27	Earthen Levee	Vegetation	LS Ma	M	V4 : Elderberries are blocking visibility and flood fight capability.			38.510613 ° -121.555969 °	38.510613 ° -121.555969 °	7 Y
												DWR ID: DWR_RD0900_01_s_2012_7
81	7.35	7.35	Earthen Levee	Encroachments	WS Ma	A	PR : Prunings Inspector Comments: Pruning fixed by the LMA.			38.509556 ° -121.556516 °	38.509556 ° -121.556516 °	28 Y
												DWR ID: DWR_RD0900_01_s_2012_28
82	7.49	7.49	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arrundo growth on the waterside slope of the levee.			38.507648 ° -121.557571 °	38.507648 ° -121.557571 °	59 Y
												DWR ID: DWR_RD0900_01_f_2012_59
83	7.80	7.80	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arrundo on the waterside of the levee.			38.503588 ° -121.559744 °	38.503588 ° -121.559744 °	29 Y
												DWR ID: DWR_RD0900_01_f_2012_29

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	8
Start Levee Mile	2.29
End Levee Mile	2.29
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was caused due to vehicular traffic on the landside and crown of the levee looking upstream.	
pkazi_f_20120913_785.jpg	



Levee Mile Report Line	8
Start Levee Mile	2.29
End Levee Mile	2.29
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the landside of the levee looking upstream.	
pkazi_f_20120913_786.jpg	



Levee Mile Report Line	11
Start Levee Mile	2.35
End Levee Mile	2.49
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2012_SAC_56-7_R_1.jpg	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	2.35
End Levee Mile	2.49
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2



USACE2012_SAC_56-7_R_2.jpg

Levee Mile Report Line	11
Start Levee Mile	2.35
End Levee Mile	2.49
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3



USACE2012_SAC_56-7_R_3.jpg

Levee Mile Report Line	11
Start Levee Mile	2.35
End Levee Mile	2.49
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4



USACE2012_SAC_56-7_R_4.jpg

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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	19
Start Levee Mile	2.53
End Levee Mile	2.53
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Rodent holes were found on the landside slope of the levee. The picture was taken from toe of the levee looking towards the crown.	
pkazi_f_20120913_783.jpg	



Levee Mile Report Line	19
Start Levee Mile	2.53
End Levee Mile	2.53
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Rodent holes were found on the landside of the levee looking downstream. The picture was taken during spring 2012 inspection.	
pkazi_f_20120913_784.jpg	



Levee Mile Report Line	20
Start Levee Mile	2.53
End Levee Mile	2.53
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the waterside of the levee looking upstream.	
pkazi_f_20120913_782.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	22
Start Levee Mile	2.56
End Levee Mile	2.65
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #1



USACE2012_SAC_56-5_R_1.jpg

Levee Mile Report Line	22
Start Levee Mile	2.56
End Levee Mile	2.65
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2



USACE2012_SAC_56-5_R_2.jpg

Levee Mile Report Line	22
Start Levee Mile	2.56
End Levee Mile	2.65
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #3



USACE2012_SAC_56-5_R_3.jpg

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	27
Start Levee Mile	2.64
End Levee Mile	2.64
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability issue is fixed by the LMA on the waterside shoulder of the levee looking downstream.	
pkazi_f_20121019_960.jpg	



Levee Mile Report Line	29
Start Levee Mile	2.90
End Levee Mile	2.90
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of vegetation within the top 20' of the waterward slope looking downstream.	
pkazi_f_20120913_771.jpg	



Levee Mile Report Line	30
Start Levee Mile	3.02
End Levee Mile	3.02
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found due to foot traffic on the waterside of the slope looking upstream.	
pkazi_f_20120913_779.jpg	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	30
Start Levee Mile	3.02
End Levee Mile	3.02
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Updated pictures of slope instability on the waterside of the levee looking upstream during fall 2012 inspection.	
pkazi_f_20121019_961.jpg	



Levee Mile Report Line	31
Start Levee Mile	3.14
End Levee Mile	3.14
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Crown depression and side curb was repaired by the LMA. The picture was taken from the crown looking downstream.	
pkazi_f_20121019_962.jpg	



Levee Mile Report Line	33
Start Levee Mile	3.28
End Levee Mile	3.49
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #1	
USACE2012_SAC_55-7_R_1.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	33
Start Levee Mile	3.28
End Levee Mile	3.49
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #2

USACE2012_SAC_55-7_R_2.jpg

Levee Mile Report Line	33
Start Levee Mile	3.28
End Levee Mile	3.49
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

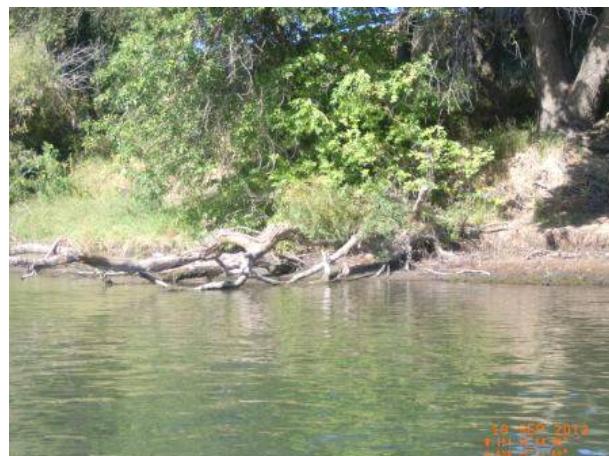
USACE 2012 Photo #3

USACE2012_SAC_55-7_R_3.jpg

Levee Mile Report Line	33
Start Levee Mile	3.28
End Levee Mile	3.49
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2012 Photo #4

USACE2012_SAC_55-7_R_4.jpg



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

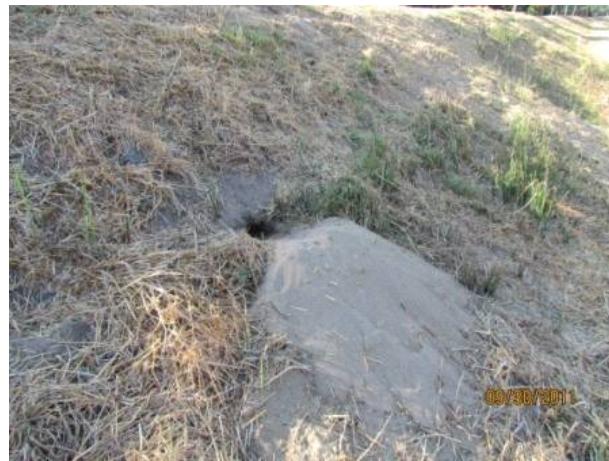
Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	33
Start Levee Mile	3.28
End Levee Mile	3.49
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
USACE 2012 Photo #5	
USACE2012_SAC_55-7_R_5.jpg	



Levee Mile Report Line	37
Start Levee Mile	3.43
End Levee Mile	3.43
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Rodent hole was found landside of the levee looking upstream.	
pkazi_f_20120913_788.jpg	



Levee Mile Report Line	43
Start Levee Mile	3.93
End Levee Mile	5.86
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Overgrown vegetation was found on the landside of the levee looking downstream.	
pkazi_f_20121019_963.jpg	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	45
Start Levee Mile	4.05
End Levee Mile	4.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Concrete debris were found on the landside of the levee looking upstream.	
pkazi_f_20120913_789.jpg	



Levee Mile Report Line	46
Start Levee Mile	4.11
End Levee Mile	4.11
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of concrete debris with metal looking upstream.	
pkazi_f_20120913_778.jpg	



Levee Mile Report Line	47
Start Levee Mile	4.12
End Levee Mile	4.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Debris were found on the landside toe of the levee. The picture was taken from the crown looking towards the toe.	
pkazi_f_20120913_790.jpg	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	48
Start Levee Mile	4.12
End Levee Mile	4.12
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was caused by vehicular traffic on the landside slope of the levee. The picture was taken from the crown looking upstream.	
pkazi_f_20120913_791.jpg	



Levee Mile Report Line	49
Start Levee Mile	4.28
End Levee Mile	4.28
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of Sherwood harbor's unpermitted properties on the waterside of the levee. The picture was taken from the crown looking upstream.	
pkazi_f_20120913_772.jpg	



Levee Mile Report Line	53
Start Levee Mile	4.97
End Levee Mile	4.97
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was caused by foot traffic on the waterside slope of the levee looking upstream.	
pkazi_f_20120913_793.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	54
Start Levee Mile	4.97
End Levee Mile	4.97
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Concrete anchor was found on the waterside slope of the levee looking upstream.	
pkazi_f_20120913_792.jpg	



Levee Mile Report Line	56
Start Levee Mile	5.20
End Levee Mile	5.20
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the pole on the landside of the levee looking upstream.	
pkazi_f_20120913_794.jpg	



Levee Mile Report Line	60
Start Levee Mile	5.30
End Levee Mile	5.30
Location	Land Side
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Depression on the landside shoulder of the levee was repaired by the LMA looking downstream.	
pkazi_f_20121019_964.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	61
Start Levee Mile	5.37
End Levee Mile	5.37
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability issue was repaired by the LMA on the waterside of the levee looking downstream.	
pkazi_f_20121019_965.jpg	



Levee Mile Report Line	65
Start Levee Mile	5.40
End Levee Mile	5.40
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of elderberry bush on the waterside of the levee looking upstream.	
pkazi_f_20120913_796.jpg	



Levee Mile Report Line	66
Start Levee Mile	5.53
End Levee Mile	5.53
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Elderberry on the landside of the levee. The picture was taken from the crown looking downstream.	
pkazi_f_20120913_803.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	68
Start Levee Mile	5.57
End Levee Mile	5.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Debris were found on the landside of the levee. The picture was taken from the crown looking towards the toe.	
pkazi_f_20120913_797.jpg	



Levee Mile Report Line	72
Start Levee Mile	5.86
End Levee Mile	6.83
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Wild growth was found on the landside of the levee looking upstream.	
pkazi_f_20120913_801.jpg	



Levee Mile Report Line	73
Start Levee Mile	5.97
End Levee Mile	5.98
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Elderberry located on the landside of the levee obstructing the view. The picture was taken from the crown looking downstream.	
pkazi_f_20120913_774.jpg	



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WS : Water Side
CR : Crown

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A : Acceptable
M : Minimally Acceptable
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	75
Start Levee Mile	6.57
End Levee Mile	6.63
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscaping was obstructing the view on the landside of the levee. The picture was taken from the crown looking downstream.	
pkazi_f_20120913_770.jpg	



Levee Mile Report Line	76
Start Levee Mile	6.85
End Levee Mile	7.80
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Vegetation was found on the landside of the levee looking downstream.	
pkazi_f_20121019_966.jpg	



Levee Mile Report Line	77
Start Levee Mile	6.85
End Levee Mile	7.80
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Vegetation was found on the waterside slope of the levee looking downstream.	
pkazi_f_20121019_967.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	78
Start Levee Mile	7.12
End Levee Mile	7.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Concrete debris from old rail road track was found on the landside of the levee looking upstream.	
pkazi_f_20120913_802.jpg	



Levee Mile Report Line	79
Start Levee Mile	7.23
End Levee Mile	7.23
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Elderberry tree was found on the landside of the levee looking downstream.	
pkazi_f_20121019_968.jpg	



Levee Mile Report Line	80
Start Levee Mile	7.27
End Levee Mile	7.27
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of elderberries blocking visibility on the landward slope looking upstream.	
pkazi_f_20120913_766.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	10/16/2012 10/16/2012	Pavel Kazi

Levee Mile Report Line	81
Start Levee Mile	7.35
End Levee Mile	7.35
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings on the waterside of the levee was removed by the LMA. The picture was taken from the crown looking downstream.	
pkazi_f_20120913_776.jpg	



Levee Mile Report Line	82
Start Levee Mile	7.49
End Levee Mile	7.49
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of Arundo on the waterside slope of the levee looking downstream.	
pkazi_f_20121019_969.jpg	



Levee Mile Report Line	83
Start Levee Mile	7.80
End Levee Mile	7.80
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of Arundo on the waterside slope of the levee looking downstream.	
pkazi_f_20121019_970.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	5.73
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	03/21/2012 - 03/21/2012		10/17/2012 - 10/17/2012	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Tony Schwall		Tony Schwall RD 900	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass								Left	5.73	10/17/2012 10/17/2012	Pavel Kazi
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
1	0.07	0.41	Earthen Levee	Vegetation	LS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.581160 °	38.578383 °	33	
								-121.567932 °	-121.573218 °		
								DWR ID: DWR_RD0900_02_f_2012_33			
2	0.38	0.38	Earthen Levee	Encroachments	WS En	M	PO : Pole Inspector Comments: Lights on a telephone pole at the landward toe.	38.578683 °	38.578683 °	4	
								-121.572655 °	-121.572655 °		
								DWR ID: DWR_RD0900_02_s_2012_4			
3	0.81	0.92	Earthen Levee	Vegetation	LS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.575225 °	38.574339 °	34	
								-121.579238 °	-121.580990 °		
								DWR ID: DWR_RD0900_02_f_2012_34			
4	1.14	2.08	Earthen Levee	Vegetation	LS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.571635 °	38.558163 °	35	
								-121.582198 °	-121.582183 °		
								DWR ID: DWR_RD0900_02_f_2012_35			
5	1.19	2.07	Earthen Levee	Vegetation	WS Ma	M	V1 : Control annual grass and weeds on the levee slopes and easements.	38.570998 °	38.558225 °	36	
								-121.582212 °	-121.582183 °	Y	
								DWR ID: DWR_RD0900_02_f_2012_36			
6	1.31	1.31	Earthen Levee	Encroachments	LS En	M	BU : Building Inspector Comments: Abandoned city water well at the landward toe.	38.569258 °	38.569258 °	5	
								-121.582232 °	-121.582232 °		
								DWR ID: DWR_RD0900_02_s_2012_5			
7	1.87	1.87	Earthen Levee	Encroachments	LS En	M	PO : Pole Inspector Comments: Wood pole with electrical lines providing power to a pump in the bypass.	38.561166 °	38.561166 °	6	
								-121.582240 °	-121.582240 °		
								DWR ID: DWR_RD0900_02_s_2012_6			
8	2.07	2.07	Earthen Levee	Encroachments	WS Ma	M	PI : Pipe Inspector Comments: HDPE pipe at the waterward toe. The LMA purposely placed the pipe to prevent people from driving up the levee.	38.558296 °	38.558296 °	13	
								-121.582151 °	-121.582151 °	Y	
								DWR ID: DWR_RD0900_02_s_2012_13			
9	2.45	2.45	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	38.552677 °	38.552677 °	381	
								-121.582183 °	-121.582183 °	Y	
								DWR ID: DWR_RD0900_02_s_2012_381			
10	2.46	2.46	Earthen Levee	Encroachments	LS En	M	PO : Pole Inspector Comments: Wood pole with electrical lines providing power to a pump in the bypass.	38.552639 °	38.552639 °	14	
								-121.582203 °	-121.582203 °	Y	
								DWR ID: DWR_RD0900_02_s_2012_14			
11	3.12	3.12	Earthen Levee	Encroachments	LS En	M	DE : Debris Inspector Comments: Old post sign pole.	38.543016 °	38.543016 °	382	
								-121.582222 °	-121.582222 °	Y	
								DWR ID: DWR_RD0900_02_s_2012_382			
12	3.12	3.12	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.543016 °	38.543016 °	383	
								-121.582221 °	-121.582221 °	Y	
								DWR ID: DWR_RD0900_02_s_2012_383			
13	3.25	3.25	Earthen Levee	Encroachments	LS En	C	PO : Pole Inspector Comments: The pole will be removed by the LMA by spring 2012.	38.541155 °	38.541155 °	384	
								-121.582219 °	-121.582219 °		
								DWR ID: DWR_RD0900_02_s_2012_384			

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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass								Left	5.73	10/17/2012 10/17/2012	Pavel Kazi
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
14	3.26	4.92	Earthen Levee	Encroachments	LS En	DT : Ditch	Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.540943 °	38.517056 °	17	
								-121.582283 °	-121.582218 °		
										DWR ID: DWR_RD0900_02_s_2012_17	
15	3.26	3.26	Earthen Levee	Encroachments	LS En	BU : Building	Inspector Comments: Recently removed waterward pump. Some pipe, equipment and debris remain.	38.540943 °	38.540943 °	15	
								-121.582280 °	-121.582280 °	Y	
										DWR ID: DWR_RD0900_02_s_2012_15	
16	3.27	3.27	Earthen Levee	Encroachments	WS En	EQ : Equipment	Inspector Comments: The pump station has been removed properly.	38.540907 °	38.540907 °	8	
								-121.582234 °	-121.582234 °	Y	
										DWR ID: DWR_RD0900_02_s_2012_8	
17	3.30	3.30	Earthen Levee	Animal Control	LS Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.540440 °	38.540440 °	9	
								-121.582205 °	-121.582205 °	Y	
										DWR ID: DWR_RD0900_02_f_2012_9	
18	3.30	3.30	Earthen Levee	Encroachments	LS Ma	DE : Debris	Inspector Comments: Recently removed waterward pump. Some pipe, equipment and debris remain.	38.540440 °	38.540440 °	10	
								-121.582205 °	-121.582205 °	Y	
										DWR ID: DWR_RD0900_02_f_2012_10	
19	3.42	3.42	Earthen Levee	Animal Control	LS Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.538691 °	38.538691 °	11	
								-121.582190 °	-121.582190 °	Y	
										DWR ID: DWR_RD0900_02_f_2012_11	
20	3.48	3.48	Earthen Levee	Animal Control	LS Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.537903 °	38.537903 °	18	
								-121.582181 °	-121.582181 °	Y	
										DWR ID: DWR_RD0900_02_f_2012_18	
21	3.59	3.59	Earthen Levee	Encroachments	WS A En	DE : Debris	Inspector Comments: Fix concrete debris.	38.536274 °	38.536274 °	7	
								-121.582210 °	-121.582210 °	Y	
										DWR ID: DWR_RD0900_02_s_2012_7	
22	3.61	3.61	Earthen Levee	Animal Control	LS Ma C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.535886 °	38.535886 °	387	
								-121.582193 °	-121.582193 °		
										DWR ID: DWR_RD0900_02_s_2012_387	
23	3.70	3.70	Earthen Levee	Animal Control	LS Ma C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.534682 °	38.534682 °	388	
								-121.582176 °	-121.582176 °		
										DWR ID: DWR_RD0900_02_f_2012_388	
24	3.71	3.71	Earthen Levee	Encroachments	WS M En	SI : Sign	Inspector Comments: It will be removed.	38.534480 °	38.534480 °	389	
								-121.582173 °	-121.582173 °		
										DWR ID: DWR_RD0900_02_s_2012_389	
25	3.97	4.49	Earthen Levee	Vegetation	LS Ma M	V2 : Remove the wild growth other than native grasses from the levee slopes.	Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.530680 °	38.523248 °	16	
								-121.582204 °	-121.582213 °	Y	
										DWR ID: DWR_RD0900_02_s_2012_16	
26	4.85	4.85	Earthen Levee	Encroachments	WS M Ma	AV : Abandoned vehicles	Inspector Comments: Old equipment to keep vehicles out.	38.518072 °	38.518072 °	391	
								-121.582129 °	-121.582129 °	Y	
										DWR ID: DWR_RD0900_02_s_2012_391	
27	4.85	4.85	Earthen Levee	Encroachments	CR M En	FE : Fence	Inspector Comments: A gate was put in by the LMA to keep the vehicles out.	38.518072 °	38.518072 °	392	
								-121.582129 °	-121.582129 °	Y	
										DWR ID: DWR_RD0900_02_s_2012_392	

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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Yolo Bypass							Left	5.73	10/17/2012 10/17/2012	Pavel Kazi	
LWR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
28	4.92	4.98	Earthen Levee	Encroachments	LS En	M	FE : Fence			38.517026 ° 38.516157 ° 2 -121.582224 ° -121.582222 ° DWR ID: DWR_RD0900_02_s_2012_2	
29	5.02	5.02	Earthen Levee	Encroachments	LS En	M	PO : Pole	Inspector Comments: 2 power poles in the levee toe supplying power to the district pumping plant.		38.515519 ° 38.515519 ° 20 -121.582185 ° -121.582185 ° DWR ID: DWR_RD0900_02_s_2012_20	
30	5.07	5.07	Earthen Levee	Encroachments	LS En	M	PO : Pole	Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.		38.514929 ° 38.514929 ° 21 -121.582163 ° -121.582163 ° DWR ID: DWR_RD0900_02_s_2012_21	
31	5.08	5.46	Earthen Levee	Encroachments	LS En	M	DT : Ditch	Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.		38.515634 ° 38.509234 ° 19 -121.582060 ° -121.582170 ° DWR ID: DWR_RD0900_02_s_2012_19	
32	5.10	5.10	Earthen Levee	Encroachments	LS En	M	PO : Pole	Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.		38.514384 ° 38.514384 ° 22 -121.582113 ° -121.582113 ° DWR ID: DWR_RD0900_02_s_2012_22	
33	5.16	5.16	Earthen Levee	Encroachments	LS En	M	PO : Pole	Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.		38.513621 ° 38.513621 ° 23 -121.582144 ° -121.582144 ° DWR ID: DWR_RD0900_02_s_2012_23	
34	5.21	5.21	Earthen Levee	Encroachments	LS En	M	PO : Pole	Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.		38.512905 ° 38.512905 ° 24 -121.582124 ° -121.582124 ° DWR ID: DWR_RD0900_02_s_2012_24	
35	5.27	5.27	Earthen Levee	Encroachments	LS En	M	PO : Pole	Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.		38.511972 ° 38.511972 ° 25 -121.582071 ° -121.582071 ° DWR ID: DWR_RD0900_02_s_2012_25	
36	5.32	5.32	Earthen Levee	Encroachments	WS En	M	EQ : Equipment			38.511216 ° 38.511216 ° 1 -121.582162 ° -121.582162 ° Y DWR ID: DWR_RD0900_02_f_2012_1	
37	5.33	5.33	Earthen Levee	Encroachments	LS En	M	PO : Pole	Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.		38.511066 ° 38.511066 ° 26 -121.582141 ° -121.582141 ° DWR ID: DWR_RD0900_02_s_2012_26	
38	5.39	5.39	Earthen Levee	Encroachments	LS En	M	PO : Pole	Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.		38.510195 ° 38.510195 ° 27 -121.582141 ° -121.582141 ° DWR ID: DWR_RD0900_02_s_2012_27	
39	5.46	5.46	Earthen Levee	Encroachments	LS En	M	PO : Pole	Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.		38.509284 ° 38.509284 ° 28 -121.582130 ° -121.582130 ° DWR ID: DWR_RD0900_02_s_2012_28	

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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass								Left	5.73	10/17/2012 10/17/2012	Pavel Kazi
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
40	5.52	5.52	Earthen Levee	Encroachments	LS	M	PO : Pole En Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.508378 °	38.508378 °	29	
								-121.582153 °	-121.582153 °	DWR ID: DWR_RD0900_02_s_2012_29	
41	5.58	5.58	Earthen Levee	Encroachments	LS	M	PO : Pole En Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.507460 °	38.507460 °	30	
								-121.582132 °	-121.582132 °	DWR ID: DWR_RD0900_02_s_2012_30	
42	5.64	5.64	Earthen Levee	Encroachments	LS	M	PO : Pole En Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.506586 °	38.506586 °	31	
								-121.582130 °	-121.582130 °	DWR ID: DWR_RD0900_02_s_2012_31	
43	5.71	5.71	Earthen Levee	Encroachments	LS	M	PO : Pole En Inspector Comments: Power pole in the levee shoulder supplying power to the district pumping plant.	38.505643 °	38.505643 °	32	
								-121.582159 °	-121.582159 °	DWR ID: DWR_RD0900_02_s_2012_32	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	10/17/2012 10/17/2012	Pavel Kazi

Levee Mile Report Line	5
Start Levee Mile	1.19
End Levee Mile	2.07
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Vegetation was found on the waterside of the levee looking downstream.	
pkazi_f_20121019_979.jpg	



Levee Mile Report Line	8
Start Levee Mile	2.07
End Levee Mile	2.07
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Pipes were placed at the toe of the landside of the levee to prevent people from driving on the slope. The picture was taken from the crown looking upstream.	
pkazi_f_20120913_808.jpg	



Levee Mile Report Line	9
Start Levee Mile	2.45
End Levee Mile	2.45
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Prunings were found on the waterside of the levee looking upstream.	
pkazi_f_20120913_812.jpg	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	10/17/2012 10/17/2012	Pavel Kazi

Levee Mile Report Line	10
Start Levee Mile	2.46
End Levee Mile	2.46
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Wood pole for electrical lines was located on the landside of the levee. The picture was taken from the crown looking upstream.	pkazi_f_20120913_809.jpg



Levee Mile Report Line	11
Start Levee Mile	3.12
End Levee Mile	3.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Abandon pole was found on the landside of the levee looking upstream.	pkazi_f_20120913_813.jpg



Levee Mile Report Line	12
Start Levee Mile	3.12
End Levee Mile	3.12
Location	Water Side
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the waterside of the levee. The picture was taken from toe of the levee looking upstream.	pkazi_f_20120913_814.jpg



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	10/17/2012 10/17/2012	Pavel Kazi

Levee Mile Report Line	15
Start Levee Mile	3.26
End Levee Mile	3.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Abandon pipes and debris was found on the landside of the levee looking upstream.	
pkazi_f_20120913_810.jpg	



09/28/2011

Levee Mile Report Line	16
Start Levee Mile	3.27
End Levee Mile	3.27
Location	Water Side
Category	Earthen Levee
Item	Encroachments
The LMA removed the existing pipe and restored the site on the waterside of the levee. The picture was taken from the crown looking upstream.	
pkazi_f_20120913_805.jpg	



09/28/2012

Levee Mile Report Line	17
Start Levee Mile	3.30
End Levee Mile	3.30
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Animal burrow was found on the landside of the levee looking downstream.	
pkazi_f_20121019_975.jpg	



09/28/2012

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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	10/17/2012 10/17/2012	Pavel Kazi

Levee Mile Report Line	18
Start Levee Mile	3.30
End Levee Mile	3.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the landside of the levee looking downstream.	
<i>pkazi_f_20121019_976.jpg</i>	



Levee Mile Report Line	19
Start Levee Mile	3.42
End Levee Mile	3.42
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Animal borrow was found on the landside of the levee looking upstream.	
<i>pkazi_f_20121019_977.jpg</i>	



Levee Mile Report Line	20
Start Levee Mile	3.48
End Levee Mile	3.48
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Animal holes were found on the landside of the levee looking downstream.	
<i>pkazi_f_20121019_978.jpg</i>	



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Flood Control Project Maintenance
Levee Inspections

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	10/17/2012 10/17/2012	Pavel Kazi

Levee Mile Report Line	21
Start Levee Mile	3.59
End Levee Mile	3.59
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Concrete debris was removed by the LMA on the waterside of the levee looking downstream.	
pkazi_f_20120913_804.jpg	



03/20/2012

Levee Mile Report Line	25
Start Levee Mile	3.97
End Levee Mile	4.49
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of vegetation along the toe adjacent to the ditch looking downstream.	
pkazi_f_20120913_811.jpg	



Levee Mile Report Line	25
Start Levee Mile	3.97
End Levee Mile	4.49
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the vegetation on the landside slope of the levee looking upstream.	
pkazi_f_20121019_973.jpg	



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	10/17/2012 10/17/2012	Pavel Kazi

Levee Mile Report Line	26
Start Levee Mile	4.85
End Levee Mile	4.85
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Metal equipments and debris are purposely placed next to the gate by the LMA for barricade. The picture was taken from the crown looking upstream.	
pkazi_f_20120913_818.jpg	



Levee Mile Report Line	27
Start Levee Mile	4.85
End Levee Mile	4.85
Location	Crown
Category	Earthen Levee
Item	Encroachments
A gate is installed by the LMA on the crown of the levee looking upstream.	
pkazi_f_20120913_819.jpg	



Levee Mile Report Line	36
Start Levee Mile	5.32
End Levee Mile	5.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of the equipments on the waterside shoulder of the levee looking upstream.	
pkazi_f_20121019_971.jpg	



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